NC/YD/2020-21/W3-RD-C1 Date: 20-05-2020

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements and Development of Roads and Drains in Ward No.2 Chowdeshwari Ward, Yelahanka Sub Division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 12269-1987
1	Initial setting time	158 min	Shall not be less than 30 min
2	Final setting time	265min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	2.11%	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	2.08mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	28.76 N/Sq mm	Shall not be less than 27 N/Sqmm

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